

INSTALLATION MANUAL

Version 3.5 – November 2015



Xsquare.



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What's New?

In the user manual, the icon **NEW !** has been added on the left margin to highlight information on new and updated features.

The Xsquare Installation manual has not been subject to changes linked to new features in version 3.5.

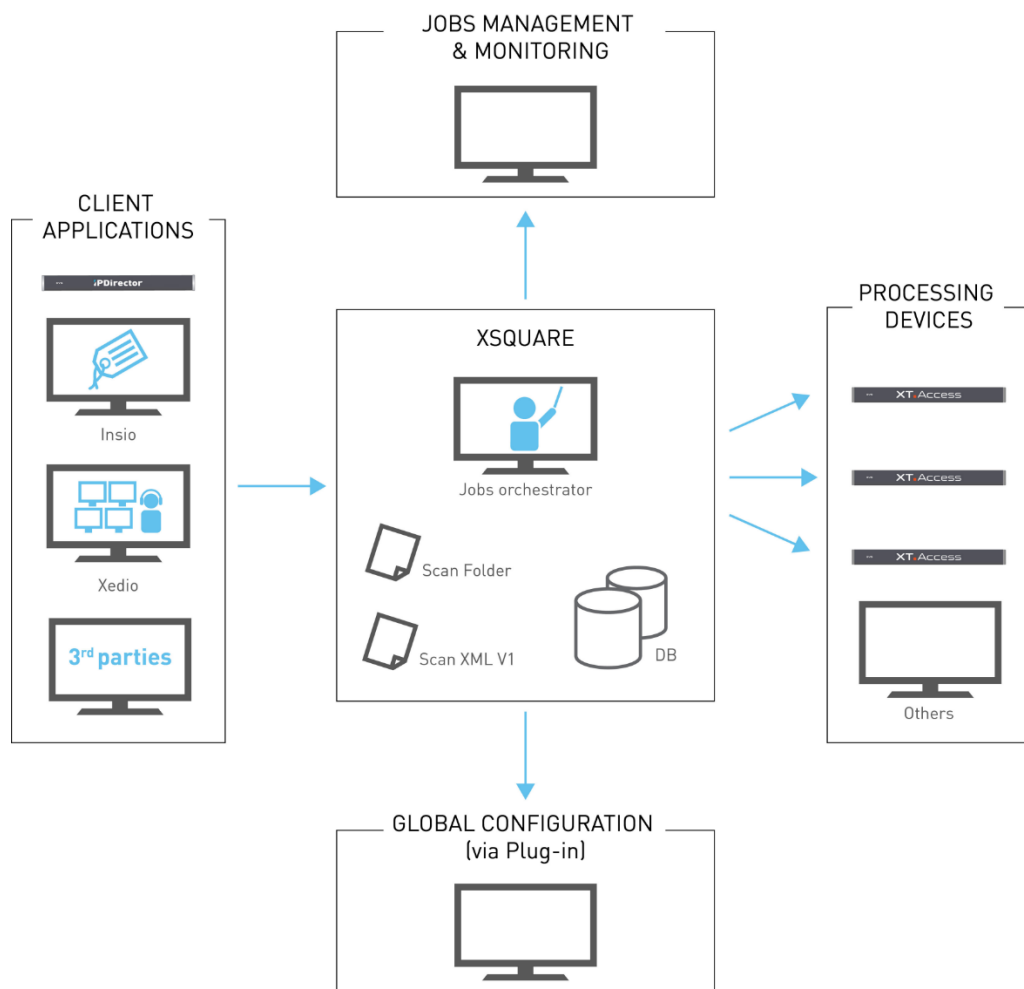
1. Xsquare Overview

The goal of the Xsquare solution is to act as an orchestrator receiving job requests and dispatching them to the best engine (loadbalancing, JOB API, etc), which means an engine available and able to manage the requested job (transcoding, rewrap, etc).

The engines will first be limited to **XTAccess**. All the jobs for XTAccess will go through Xsquare, which will be the central point to control XTAccess. XTAccess will not be directly visible to the users any more.

The main advantages of this architecture are the following:

- One global Orchestrator for all the jobs
→ improvement of jobs load balancing, dispatching and management.
- One global configuration tool
→ simplification of the engines configuration as well as the targets configuration.
- One global monitoring tool
→ simplification of the monitoring of all the jobs.
- Additional modules (Scan Folder, Scan XML v1) can be added to Xsquare
→ modularity



The clients (IPD, 3rd party, Xedio, etc) who want to create a job (transfer of media from A to B) will have only one unique interface (GUI, API, configuration): **Xsquare**

2. Software Installation

2.1 Full Installation vs. Light Installation

Two installation packages are provided:

- A **full** installation package to install the complete Xsquare application suite, required EVS services, as well as other software and services required to be able to work with the Xsquare suite (software requirements).

The installer file has the following name pattern: `XsquareSuiteInstaller
x.x.x.x.zip`

You can use this installation package for a new installation, or for an upgrade to a major release, for example an upgrade from Xsquare 2.3 to Xsquare 3.5.

- A **light** installation package to upgrade the Xsquare application suite. It includes the Xsquare suite and other EVS software components, but not external software required, which must have been previously installed.

The installer file has the following name pattern: `XsquareSuiteInstaller
x.x.x.x_update_from_Xsquare_3.x.x.zip`

You can use this installation package for an upgrade to a new minor release, for example an upgrade from Xsquare 3.3 to Xsquare 3.5.

Once any of the installation package has been unzipped, the installation package contains the Xsquare software suite with an executable and sub-installers in the Installers subfolder.

	Installers	12/Jan/2015 9:47 ...	File folder
	revision	6/Jan/2015 2:02 PM	File
	XsquareSuiteInstaller_3.3.5.0_Dependencies.xml	6/Jan/2015 2:02 PM	XML Document
	XsquareSuiteInstaller_3.3.5.0_ReleaseNotes.html	6/Jan/2015 2:02 PM	HTML Document
	XsquareSuiteInstaller_Setup_3.3.5.0.exe	6/Jan/2015 2:02 PM	Application



Warning

Xsquare 3.00 is compatible with Windows 7 and Windows Server 2008.
It is not compatible with Windows XP or Windows Server 2003.

2.2 Installation Types

During the installation process, you will be able to choose among the following installation types:

- **StandAlone setup:** The installer will install Xsquare, XTAccess and all the required software. The installer will also automatically associate XTAccess to Xsquare. This Installation mode will not ask other confirmations or questions.
- **Orchestrator setup:** The installer will install Xsquare and all the required software but not XTAccess. This Installation mode will not ask other confirmations or questions.
- **Agent setup:** The installer will install XTAccess and all the required software but

not Xsquare. This Installation mode will not ask other confirmations or questions.

- **Advanced setup:** The installer will show you all the software installed on your computer and you will be able to select manually the software to install. This Installation mode will require for each installer other confirmations and questions. This mode must be used by EVS experts only.

In this mode, the following information are displayed:

- version number of installed components;
- version number of components available in the installation package;
- **Install** and **Remove** buttons for each component that make it possible to install or uninstall individual components.

2.3 Installing Xsquare

To install the Xsquare suite, proceed as follows:

1. Copy the requested installation package in a temp directory (e.g. C:\Install Software\Xsquare\):
 - The `XsquareSuiteInstaller x.x.x.x.zip` for a full installation or an upgrade to a major version, for example from , for example from Xsquare 2.3 to Xsquare 3.5.
 - The `XsquareSuiteInstaller x.x.x.x_update_from_Xsquare_3.x.x.zip` for an upgrade to a minor version, for example from Xsquare 3.3 to Xsquare 3.5.
2. Unzip the installation package.
3. Run Xsquare Suite install shield and then follow the steps of the Setup wizard.

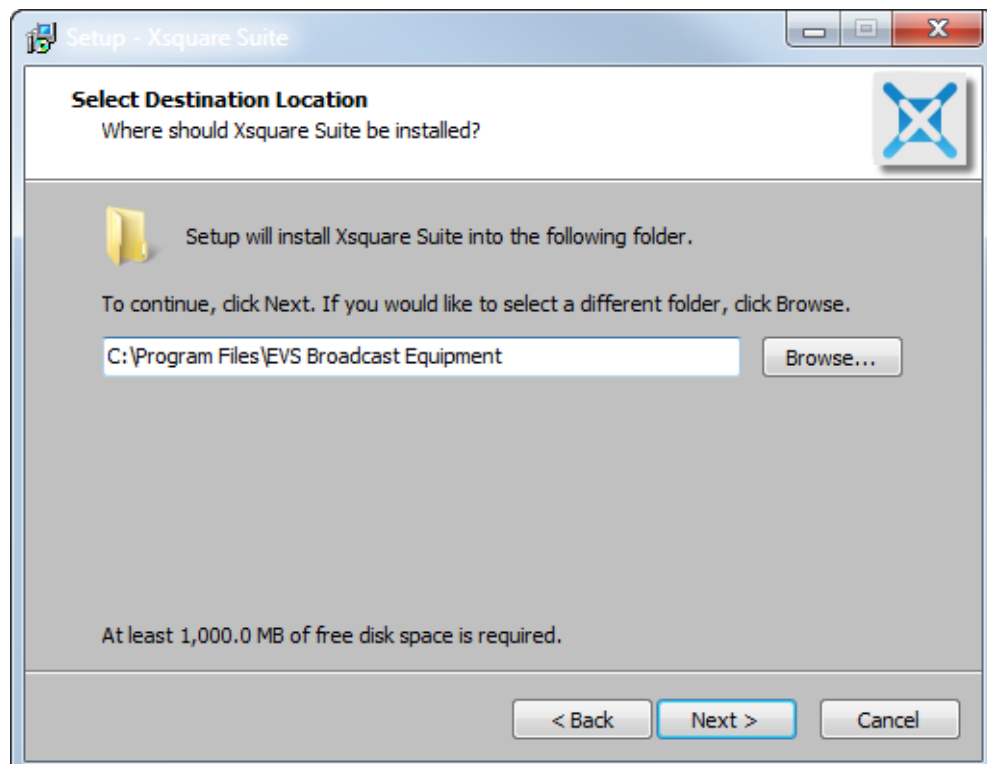
The Welcome window appears.

4. On the Welcome window, press **Next**:



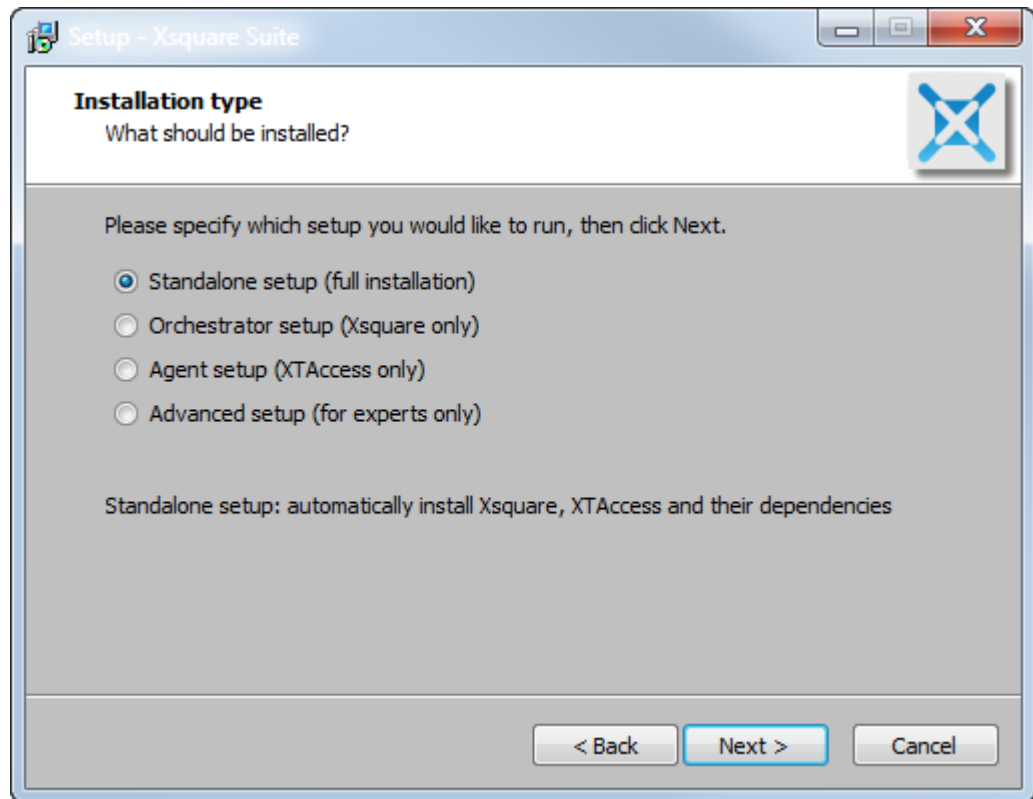
The Select Destination Location window appears.

5. In the Select Destination Location window, select the destination directory to install the new software and press **Next**:



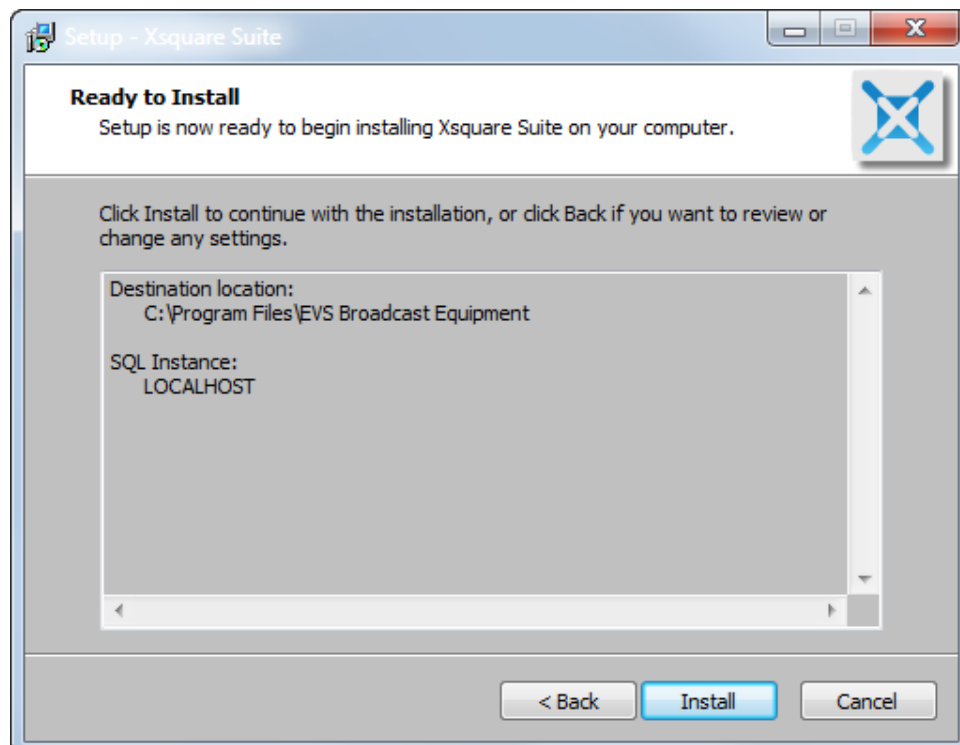
The Installation Type window appears.

6. In the Installation Type window, select an installation type (See section 2.2 “Installation Types” for more information) and click **Next**.



The Ready to Install window appears.

7. The Ready to Install window summarizes the selected location for Xsquare, and the database name. Click **Install**.



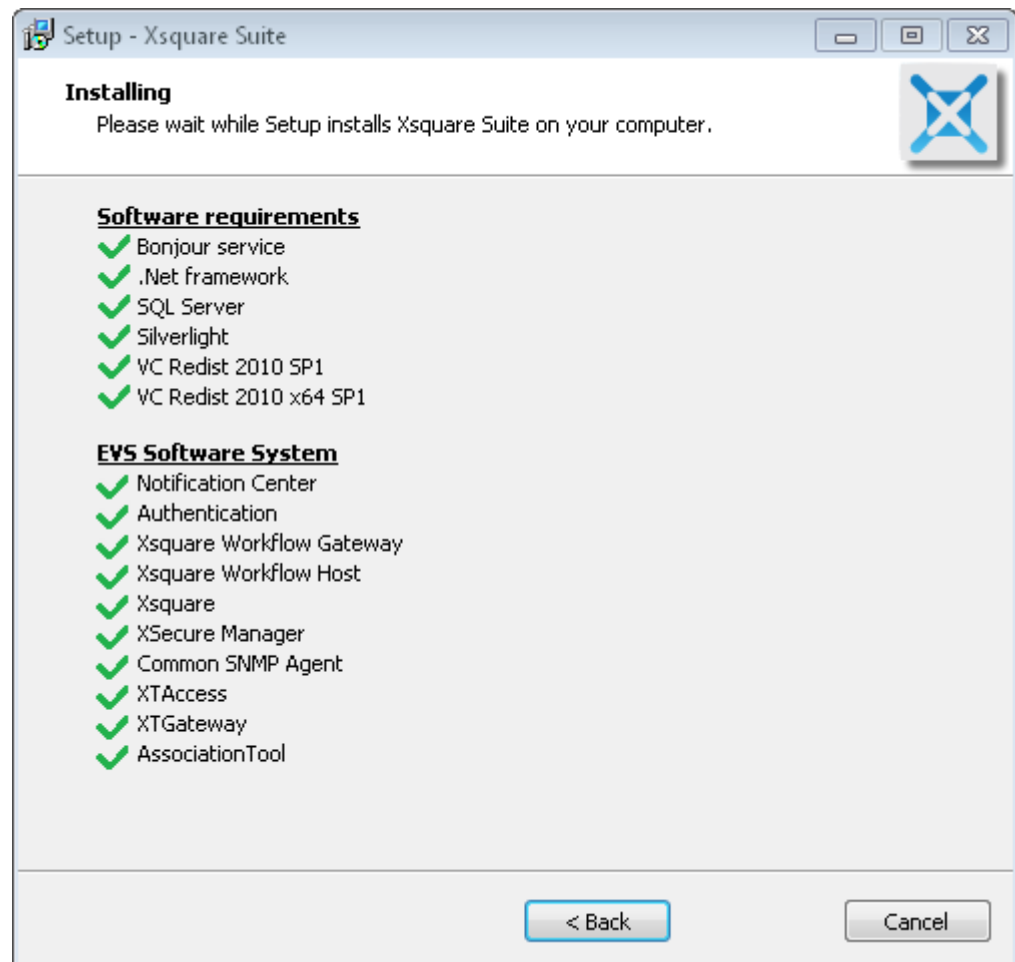
The Installing window opens.

8. In the Installing window, two behaviors are possible:

- If you have selected the **Standalone**, **Orchestrator** or **Agent** setup, the various installation components are called and installed automatically one after the other.

As the components are installed, they are checked. If one of the components fails to install, a red cross is displayed next to it: You will have to reinstall the component via an Advanced setup afterwards, or contact your system administrator.

The following screenshot shows the Installing window in a full installation in Standalone mode when all the components have been upgraded:

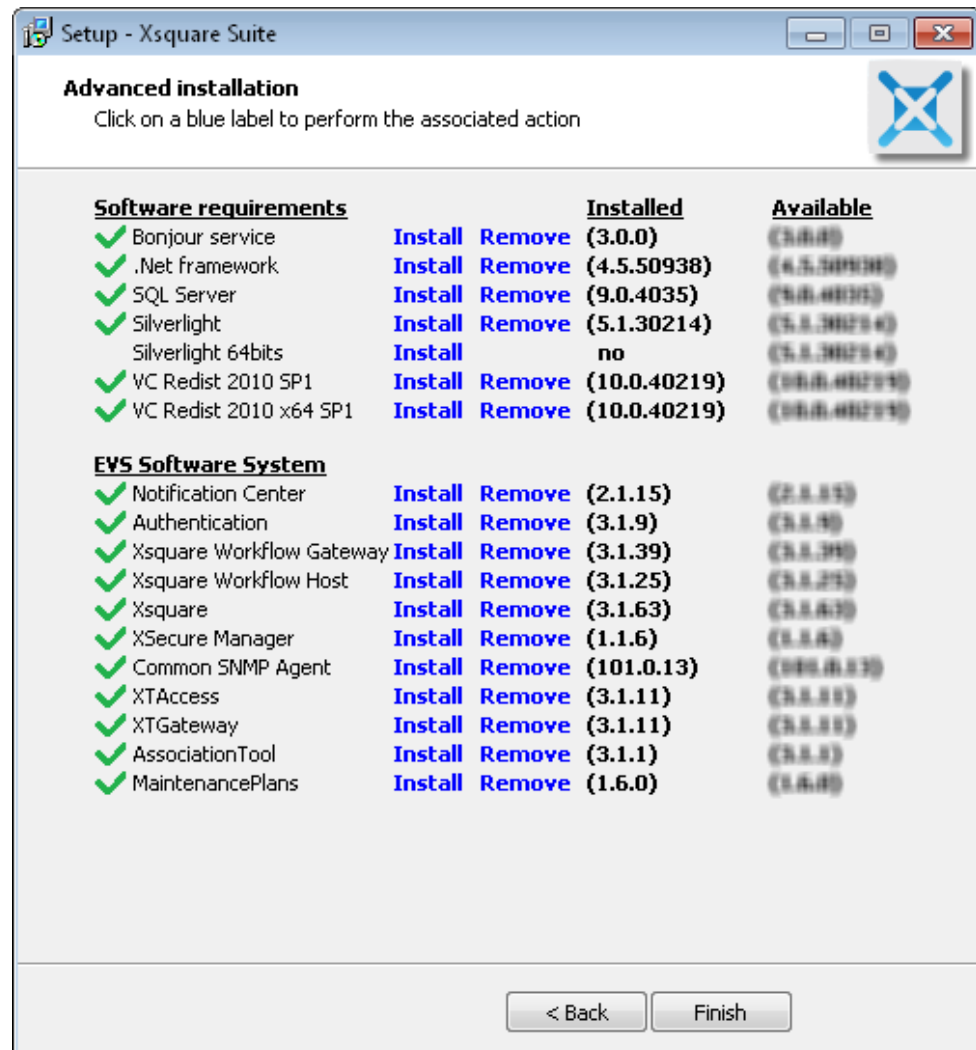


The following screenshot shows the Installation window in a light installation in Standalone mode when all the EVS software components have been upgraded:



- If you have selected the **Advanced** setup, you need to manually click the **Install** or **Remove** buttons next to each installation component to install the upgraded version or remove it.

The following screenshot shows the Installing window for a full installation in Advanced mode:



9. When all (requested) components have been installed, click Finish.

Once the installation is completed, the following application shortcut to log on to Xsquare has been created on the desktop:



3. XSecure Management

3.1 Introduction

To be able to manage more than 4 XTAccess with Xsquare and to be able to have the Xsquare user rights, it is necessary to have an Xsquare license.

XSecure uses hardware information from the device where Xsquare is running. This means that it is impossible to exchange licenses or codes between devices.

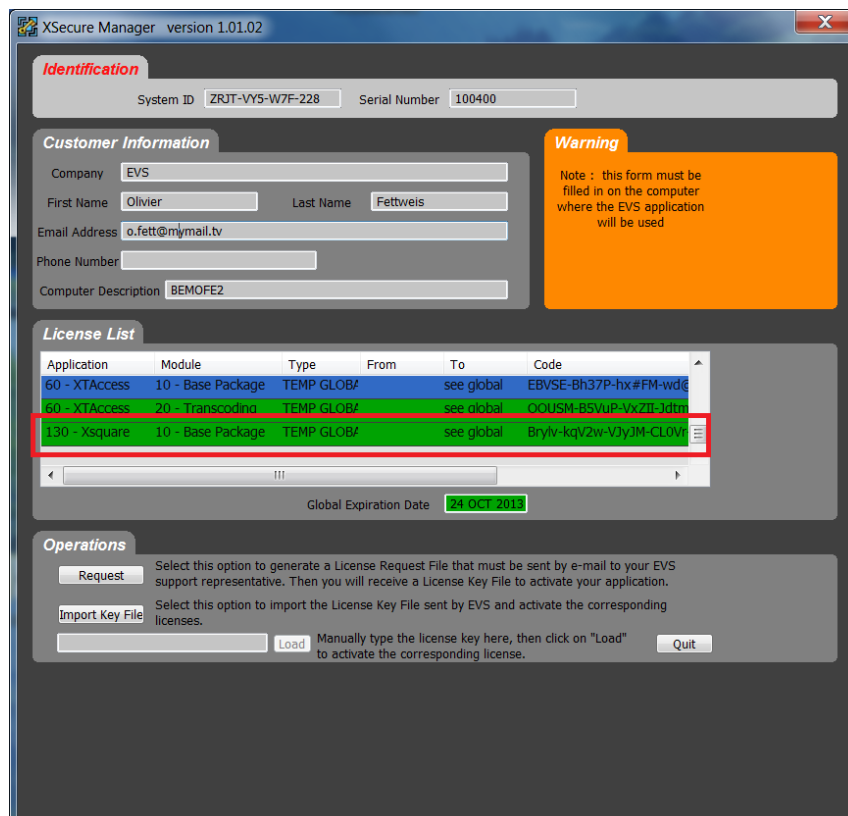
Please refer to the XSecure user manual to:

- Start XSecure Manager.
- Collect information about your device.
- Request a license key from the EVS support.
- Import new license keys.

3.2 List of Codes

130 – Xsquare

- **10 – Base Package:** Allow users to manage more than 4 XTAccess with Xsquare.
- **20 – Unlimited Engines:** Allow users to manage an unlimited number of XTAccess applications with Xsquare.



Identification

System ID: ZRJT-VY5-W7F-228 Serial Number: 100400

Customer Information

Company: EVS
 First Name: Olivier Last Name: Fettweis
 Email Address: o.fett@mymail.tv
 Phone Number:
 Computer Description: BEMOFE2

Warning

Note : this form must be filled in on the computer where the EVS application will be used

License List

Application	Module	Type	From	To	Code
60 - XTAccess	10 - Base Package	TEMP GLOB	see global	see global	EBVSE-8h37P-hx#FM-wd
60 - XTAccess	20 - Transcoding	TEMP GLOB	see global	see global	COUSM-BSVuP-VxZT-Jdtm
130 - Xsquare	10 - Base Package	TEMP GLOB	see global	see global	Brylv-kqV2w-VJyJM-CLOV

Global Expiration Date: 24 OCT 2013

Operations

Select this option to generate a License Request File that must be sent by e-mail to your EVS support representative. Then you will receive a License Key File to activate your application.

Select this option to import the License Key File sent by EVS and activate the corresponding licenses.

Manually type the license key here, then click on "Load" to activate the corresponding license.

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